

Claims:

1. (Currently Amended) An electric citrus press device comprising:
5 A rotating reamer having a plurality of external primary ribs for
contacting the citrus;
wherein the plurality of primary ribs each have a first compound profile
comprising two separate convex profiles, being an upper profile and a
lower profile; and
10 a concave transitional section located between the upper and the lower
profile.; and
a fruit dome carried by an actuating arm; an interior of the dome
having at least one inward facing rib that has a second compound
profile that closely resembles the first compound profile.
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2. (Previously Amended) The reamer of claim 1 wherein:
the concave transitional section smoothly blends the upper and lower
profiles together.
- 20 3. (Previously Amended) The reamer of claim 1 wherein:
the upper profile has a larger longitudinal radius or sharper apex angle
than the lower profile.
4. (Previously Amended) The reamer of claim 1, further comprising:
25 a plurality of secondary ribs that are lower than the primary ribs.

5. (Original) The reamer of claim 1 wherein:
the primary ribs are blade like.
- 5 6. (Previously Amended) The reamer of claim 1 wherein:
the top of at least some of the primary ribs form spikes to hold fruit in
place.
7. (Previously Amended) The reamer of claim 4 wherein:
10 the secondary ribs are located between the primary ribs.
8. (Previously Amended) The reamer of claim 1 wherein:
the reamer includes at least one paddle- near a base of the primary ribs
for removing pulp.
- 15 9. (Currently Amended) ~~A citrus press comprising:~~ The device of
claim 1, wherein:
a reamer;
a housing to support the reamer;
20 a motor to drive the reamer, said motor contained in the housing; and
a fruit dome carried by an actuating arm;
wherein the fruit dome has a trajectory determined by the actuating
arm, the trajectory having a curved portion and a generally linear
portion that is generally coincident with an axis of rotation of the
25 reamer.

10. (Original) The citrus press of claim 9 wherein:
the actuating arm co-operates with a micro switch lock-out to prevent
early rotation of the juicing reamer.

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11. (Original) The reamer of claim 9 wherein:
the reamer has an apex on which is formed a central spike which co-
operates with an internal surface of the fruit dome to limit the gap
between the reamer and the dome.

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12. (Currently Amended) The ~~citrus press device~~ of claim 11 wherein:
the fruit dome includes ~~a profile on its inner surface that corresponds
with the profile of the reamer profile.~~ internal pins to stop a rotation of
a fruit.

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13. (Original) The citrus press of claim 9 wherein:
the fruit dome is removable for washing.

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14. (Original) The citrus press of claim 9 wherein:
the fruit dome includes a stub shaft for attaching the dome to a
corresponding aperture in the actuating arm.

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15. (Currently Amended) The citrus press of claim ~~9~~11 wherein:
the fruit dome includes ~~one or more internal edges to grip the skin a
cup like depression for contacting the central spike. of the fruit.~~

16. (Previously Amended) The citrus press of claim 9, further comprising;
a juice collector that includes a sealable spout to control a flow of juice
from the collector.

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17. (Original) A citrus press comprising:
a reamer;
a housing to support the reamer;
a motor to drive the reamer, said motor contained in the housing; and
10 a fruit dome carried by an actuating arm;
wherein the actuating arm has a four bar linkage hinge with at least one
fixed pivot attached to the housing.

18. (Original) The citrus juicer of claim 17 wherein:
15 the actuating arm is a collapsible quadrilateral hinge.

19. (Original) The citrus juicer of claim 17 wherein:
the actuating arm co-operates with a micro switch lock-out to prevent
early rotation of the juicing reamer.

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20. (Original) The reamer of claim 17 wherein:
the reamer has an apex on which is formed a central spike which co-
operates with an internal surface of the fruit dome to limit the gap
between the reamer and the dome.

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21. (Currently Amended) The citrus juicer of claim 17 wherein:
the fruit dome includes a profile on its inner surface that corresponds
with ~~the a profile of the reamer profile.~~
- 5 22. (Original) The citrus juicer of claim 17 wherein:
the fruit dome is removable for washing.
23. (Original) The citrus juicer of claim 17 wherein:
the fruit dome includes a stub shaft for attaching the dome to a
10 corresponding aperture in the actuating arm.
24. (Original) The citrus juicer of claim 17 wherein:
the fruit dome includes one or more internal edges to grip the skin of
the fruit.
- 15 25. (Previously Amended) The citrus juicer of claim 17, further comprising:
a juice collector that includes a sealable spout to control a flow of juice
from the collector.
- 20 26. (Previously Amended) A spout for limiting the flow of fluid from a
container, comprising:
a spout that is hinged to the container;
the spout supporting an elastomeric plug;
an aperture in the container;

wherein the elastomeric plug fits into the aperture in the container to stop a flow of fluid therethrough;

the plug having a portion that is larger than the aperture, that portion preventing the plug from dislodging under an influence of gravity.

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27. (Original) The spout of claim 26 wherein:
the portion is an enlarged head.